

WHAT IS CLAIMED IS:

1. A process for ink jet printing on cloth using ultraviolet ray curable ink, which comprises the steps of
 - 5 applying a transparent ultraviolet ray curable ink and then curing by ultraviolet rays; and
 - thereafter applying an ultraviolet ray curable ink containing a coloring component to form an image.
- 10 2. A process for ink jet printing on cloth using ultraviolet ray curable ink, which comprises the steps of
 - forming be three-dimensional pattern by repeating the step of applying a transparent ultraviolet ray curable ink and then curing by ultraviolet rays; and
 - 15 applying an ultraviolet ray curable ink containing a coloring component to form a three-dimensional image.
- 20 3. The process for ink jet printing of Claim 1 or 2, wherein said transparent ultraviolet ray curable ink and said ultraviolet ray curable ink containing a coloring component comprise a reactive oligomer, a reactive diluent and a photoinitiator;
 - 25 said reactive oligomer being contained in an amount of 1 to 70 % by weight in said transparent ultraviolet ray curable ink and in an amount of 1 to 60 % by weight in said ultraviolet ray curable ink containing a coloring component.
4. The process for ink jet printing of Claim 1 or 2, wherein

said transparent ultraviolet ray curable ink and said ultraviolet ray curable ink containing a coloring component are heated by a heating means and then discharged.

5 5. An ink jet printing apparatus equipped with a two-stage ink head having an ultraviolet ray exposing means and a transparent ink head in the front head and an ultraviolet ray exposing means and ultraviolet ray curable ink heads of various colors in the rear head.

10 6. An ink jet printing apparatus equipped with a linear ink head having a transparent ink head, an ultraviolet ray exposing means and ultraviolet ray curable ink heads of various colors in a straight line.